



CONFIDENTIAL

"C,D,E" DUMPS  
Radiological Survey  
100 meter

(N) = Reading  $\mu\text{R}/\text{hr}$ .  
POL-EPA01-0005215

Confidential Claim Retracted

AUTHORIZED BY: SC

DATE: 5/14/13



9404244

STATISTICAL ANALYSIS:

Dump C:

All surveyed points are used for statistics (refer to map for detail).

Readings uR/hr

5, 7, 5, 8, 7, 4, 5, 5, 6, 6, 6, 4, 4, 4, 5, 4, 6, 6, 5.

Population mean  $\bar{x} = 5.36$

Standard Deviation = 1.16

Uniformity  $\frac{1.16}{5.36} = .21$  or 21%\*

Dump D:

All surveyed points are used for statistics (refer to map for detail).

Readings uR/hr

7, 6, 6, 6, 5, 6, 5, 5, 4, 4, 5, 4, 4, 6, 5, 8, 6, 4.

Population mean  $\bar{x} = 5.33$

Standard Deviation = 1.13

Uniformity  $\frac{1.13}{5.33} = .21$  or 21%\*

Dump E:

All surveyed points are used for statistics (refer to map for detail).

Reading uR/hr

5, 5, 5, 5, 4, 4, 6, 5, 5, 6, 6,

Population mean  $\bar{x} = 5.09$

Standard Deviation = 0.7

Uniformity  $\frac{0.7}{5.33} = 0.13$  or 13%\*

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\* A population is considered uniform provided the standard deviation is less than 35% of the mean population.

THE ANACONDA COPPER COMPANY

Soil Analysis

Chemical

Site	Date Taken	As ppm	Se ppm	Mo ppm	Pb ppm	V ppm	Cd ppm	Zn ppm
Dump P1	4-20-79	<0.5	<2.0	<1.0	<1.0	<1.0	<0.1	0.40

Radiological

Site	Date Taken	Thorium-230 pCi/gm	Radium-226 pCi/gm	Lead-210 pCi/gm	Uranium-Nat pg/g
Dump P1	4-20-79	0.66	0.28	1.20	3.12